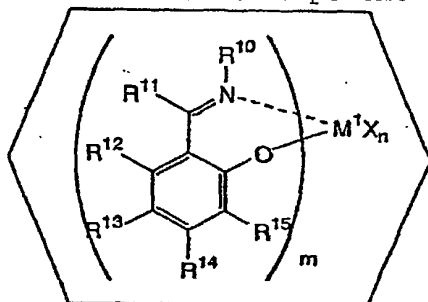


Fig. 1

Transition metal component



- M^1 : transition metal atom of Group 4 or Group 5 of the periodic table
 m : 1 or 2
 R^{10} : hydrocarbon group having one or more heteroatoms
 $R^{11}-R^{14}$: hydrogen atom, hydrocarbon group or the like
 R^{15} : hydrocarbon group, hydrocarbon-substituted silyl group
 n : number satisfying a valence of M
 X : halogen atom, hydrocarbon group or the like

Organometallic component

(Organometallic compound)

(Organoaluminum oxy-compound)

(Ionizing ionic compound)

Third component

(Carrier)

(Organic compound component)

Olefin living polymer